

ALTO 4335.3

AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph beginning at column 10, line 38 with the following:

A bracket 170 is mounted to the motor 112 by a U-clamp 172 and is supported in a position parallel to the screw 144 and [nut] support 146. The lower portion of the bracket 170 includes a slot 174 which is engaged by two screws 176 which support a switch 178. The switch may be positioned anywhere along the slot 174 so that it may be moved up or down relative to the lower portion of the head assembly 104. The switch 178 has a trip bar 180 which extends toward the outer tube 154 and is positioned immediately above the [traveling] nut pin 152. The [traveling] nut pin 152 has a sleeve or extension 182 (FIG. 6) which engages the underside of the trip bar 180. The position of switch 178 and trip bar 180 define a repeatable position to which the [lower portion of the head assembly 104] support 146 may be moved. The trip bar 182 is a flexible member which has a fully extended, unflexed position and a flexed position. As shown in phantom in FIG. 5 and referred to by reference character 184, when the lower portion of the head assembly 104 and [traveling] nut pin 152 are in the raised position, trip bar [182] 180 is in the flexed position. As the screw 144 rotates to move the [nut] support 146 downward, nut pin 152 moves downward until it eventually reaches a point at which the trip bar 180 is in an unflexed, fully extended position. This point trips switch 178 and defines the repeatable position of the [head assembly 104] support 146. When switch 178 is positioned within slot 174 so that it is tripped when the brush 106 touches the surface of floor 108, it functions as touchdown switch 114 as illustrated in FIG. 4. As a touchdown switch 114, it defines the repeatable position as the position at which the brush 106 touches the

ALTO 4335.3

floor 108. [a slot 174 which is engaged by two screws 176 which support a switch 178. The switch may be positioned anywhere along the slot 174 so that it may be moved up or down relative to the lower portion of the head assembly 104. The switch 178 has a trip bar 180 which extends toward the outer tube 154 and is positioned immediately above the traveling nut pin 152. The pin 152 has a sleeve or extension 182 which engages the underside of the trip bar 180. The position of switch 178 and trip bar 180 define a repeatable position to which the lower portion of the head assembly 104 may be moved. The trip bar 180 is a flexible member which has a fully extended, unflexed position and a flexed position. As shown in phantom in FIG. 2 and referred to by reference character 184, when the lower portion of the head assembly 104 and traveling nut pin 152 are in the raised position, trip bar 182 is in the flexed position. As the screw 144 rotates to move the nut 146 downward, nut pin 152 moves downward until it eventually reaches a point at which the trip bar 180 is in an unflexed, fully extended position. This point trips switch 178 and defines the repeatable position of the head assembly. When switch 178 is positioned within slot 174 so that it is tripped when the brush 106 touches the surface of floor 108, it functions as touchdown switch as illustrated in FIG. 1B. As a touchdown switch, it defines the repeatable position as the position at which the brush touches the floor.]